

Report sent out
 Noted in the NID File
 Location map pinned
 Approval or Disapproval Letter
 Date Completed, P. & A. or
 operations suspended
 Pin changed on location map
 Affidavit and Record of A & P
 Water Shut-Off Test
 Gas-Oil Ratio Test
 Well Log Filed



Subsequent Report of Handoverment

FILE NOTATIONS

Entered in NID File ☒ Checked by Chief _____
 Entered On S R Sheet ☒ Copy NID to Field Office _____
 Location Map Pinned ☒ Approval Letter ☒
 Card Indexed ☒ Disapproval Letter _____
 IWR for State or Fee Land _____

COMPLETION DATA:

Date Well Completed 12/30/57 Location Inspected _____
 OW ☒ WW _____ TA _____ Bond released _____
 GW ☒ OS _____ PA _____ State of Fee Land 1-12-63

LOGS FILED

Driller's Log 9/17/58
 Electric Logs (No. 2)
 E ☒ I ☒ E-I _____ GR _____ GR-N _____ Micro ☒
 Lat _____ M-L _____ Sonic _____ Others _____

Work over

FILE NOTATIONS

Entered in NID File _____ Checked by Chief P.H.D.
 Entered On S R Sheet _____ Copy NID to Field Office _____
 Location Map Pinned ☒ Approval Letter _____
 Card Indexed _____ Disapproval Letter _____
 IWR for State or Fee Land _____

COMPLETION DATA:

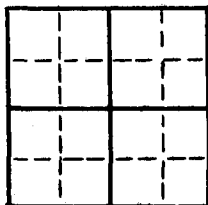
Date Well Completed _____ Location Inspected _____
 OW _____ WW _____ TA _____ Bond released _____
 GW _____ OS _____ PA ☒ State of Fee Land _____

LOGS FILED

Driller's Log _____
 Electric Logs (No. 1)
 E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____
 Lat _____ M-L _____ Sonic _____ Others Cement Bond Log

(SUBMIT IN DUPLICATE)

LAND:



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
 SALT LAKE CITY 14, UTAH

Fee and Patented.....☒
 State☐
 Lease No.
 Public Domain☐
 Lease No.
 Indian☐
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	<input type="checkbox"/>	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....	<input type="checkbox"/>	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	<input type="checkbox"/>	Supplementary Well History.....	
Notice of Intention to Abandon Well.....	<input type="checkbox"/>		
	<input type="checkbox"/>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 7, 19 57

Well No. Fee 1-14 is located 1980 ft. from $\begin{Bmatrix} N \\ S \end{Bmatrix}$ line and 2300 ft. from $\begin{Bmatrix} E \\ W \end{Bmatrix}$ line of Sec. 14
C-NE-SW T.20S. R.7E. Salt Lake Meridian
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Ferron Emery Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is to be furnished. feet.

A drilling and plugging bond has been filed with State Oil & Gas Conservation Comm.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

An 800' Ferron sand test is projected using Rotary Tools. Approximately 150' of 8 5/8" - 24 lb. surface casing will be run and cemented to surface.

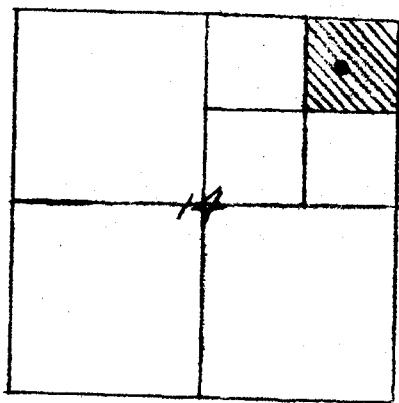
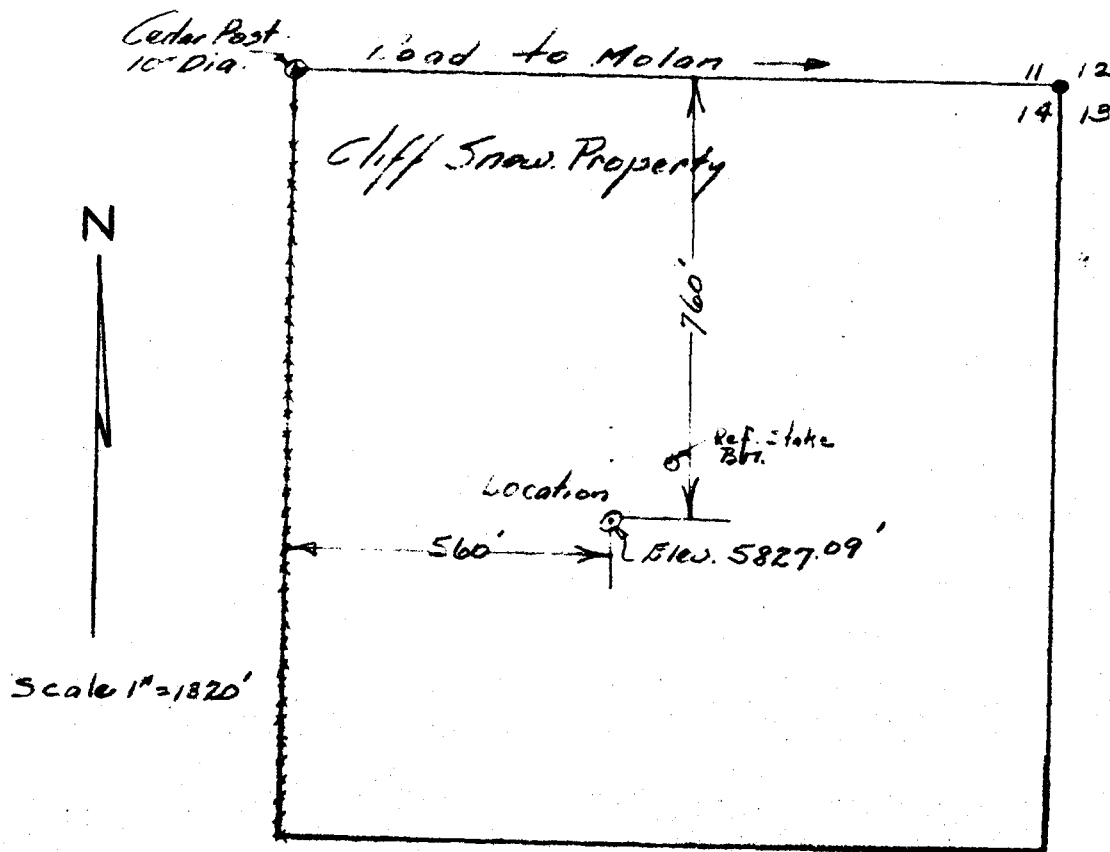
In event of obtaining production, 5 1/2" O.D. 17 lb. casing will be run and gun perforated opposite Ferron sands. Zone will then be sand fraced.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company American Petrofina Company and English Oil Company
 Address 366 South 5th East By Stanley H. Collins
Salt Lake City, Utah Title Geologist

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

TOWNSHIP 20 SOUTH, RANGE 7 EAST. S.L.M.
EMERY COUNTY.



AMERICAN PETROFINA CO.
WELL LOCATION NE $\frac{1}{4}$ NE $\frac{1}{4}$;
SECTION 14, T20S, R7E.
EMERY COUNTY, UTAH.
11/19/57.
Survey by John Bene C.E.
UTAH. #1050.
John Bene

Jack -

Collins & Patterson of Am. Pet.
tell me the loc as submitted
is in error. They will submit
a new N of S to drill locating
well ~~1980'~~ 1980' from S &
1980' from W of Sec 14

Request for approval of bond was
sent their Dallas office last week

Bond should be back and
submitted shortly.

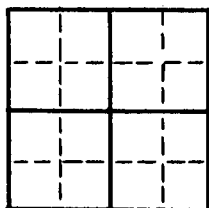
Then we can approve -

11/12/57

Chas.

(SUBMIT IN DUPLICATE)

LAND:



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
 SALT LAKE CITY 14, UTAH

Fee and Patented.....☒
 State☐
 Lease No.
 Public Domain☐
 Lease No.
 Indian☐
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	<input type="checkbox"/>	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....	<input type="checkbox"/>	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	<input type="checkbox"/>	Supplementary Well History.....	
Notice of Intention to Abandon Well.....	<input type="checkbox"/>		
	<input type="checkbox"/>		
	<input type="checkbox"/>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 10, 1957

Well No. Fee 1-14 is located 660 ft. from {N} line and 660 ft. from {E} line of Sec. 14

C-NE-NE 14 20 South 7 East
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Ferron Emery County Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is to be furnished.

A drilling and plugging bond has been filed with State Conservation Commission.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

An 800' Ferron Sand test is projected using Rotary Tools. Approximately 150' of 8 5/8" - 24 lb. surface will be run and cemented to surface.

In event of obtaining production, 5 1/2" O.D. - 17 lb. casing will be run on gun perforated opposite the Ferron sands. Zone will then be sand fraced.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company American Petrofina Company of Texas - English Oil Company

Address 366 South 5th East By Stanley H. Collins
Salt Lake City, Utah Title Geologist

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

AMERICAN PETROFINA COMPANY OF TEXAS

DIVISION OF AMERICAN PETROFINA, INCORPORATED

366 SOUTH FIFTH EAST
SALT LAKE CITY, UTAH

December 10, 1957



Oil & Gas Conservation Commission
State Capitol Building
Salt Lake City 14, Utah

Gentlemen:

Enclosed please find a Notice of Intention and
the required drilling and plugged bond for projected No.
Fee 1-14 test at Ferron.

Please disregard and destroy the previous Notice
of Intention as it was in error.

Very truly yours,

AMERICAN PETROFINA OF TEXAS

Stanley H. Collins
Geologist

SHC/lp

Enclosure

December 11, 1957

American Petrofina Company of Texas
& English Oil Company
366 South 5th East
Salt Lake City, Utah

Attention: Stanley H. Collins, Geologist

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Fee 1-14, which is to be located 660 feet from the north line and 660 feet from the east line of Section 14, Township 20 South, Range 7 East, SLEH, Emery County, Utah.

Please be advised that approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Please take note that should it be necessary to plug and abandon said well you are hereby requested to give advance notice of the date and time said plugging will take place to one of the following named individuals by phone or otherwise, in order that our Petroleum Engineer may be present to inspect the manner in which the well is being plugged.

C. A. HAUPTMAN, Petroleum Engineer, Office phone: DA 2-4721, Ext. 438
Home phone: EM 4-6790

G. B. FEIGHT, Office phone: DA 2-4721, Ext. 438
Home phone: EM 5-3629

Address all other forms of communication to the Oil & Gas Conservation Commission, Room 140, State Capitol Building, Salt Lake City, Utah.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

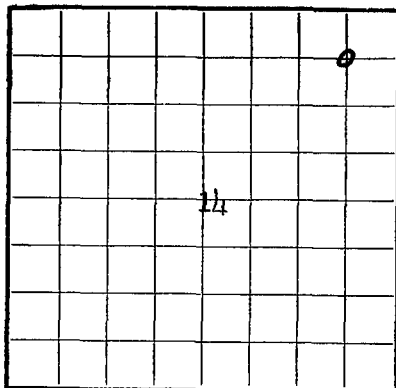
CLEON B. FEIGHT
SECRETARY

CBF:en

cc: DR-USGS

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

State Capitol Building
 Salt Lake City 14, Utah



To be kept Confidential until _____
 (Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

American Petrofina Co. of Texas
 Operating Company English Oil Company Address 366 South 5th East, Salt Lake City, Utah
 Lease or Tract: Fee Lease Field Ferron State Utah
 Well No. 1-14 Sec. 14 T. 20S. R. 7E. Meridian _____ County Emery
 Location 760 ft. S. of N Line and 560 ft. W. of E Line of Sec. 14 Elevation 5,840
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed P. H. Collins

Date September 15, 1958

Title Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling December 13, 1957 Finished drilling December 30, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 700' to 720' (G) No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 772' to 794' No. 3, from _____ to _____
 No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8"	24#		J-55	157	Haliburton				Surface csg.
5 1/2"	14#		J-55	920	Haliburton		700'	720'	Production String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	24#	110	Haliburton Pump	9#	
5 1/2"	14#	125	Haliburton Pump	9.9#	

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
2"	Bullets		5 shots/ft.	3/12/58	700-720	

TOOLS USED

Rotary tools were used from surface feet to 921 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing Shut in for market, 19 3/15/58

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 300,000 c.f.g Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 290#

EMPLOYEES

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	300	300	Shale, black, calcareous, slightly silty.
300	480	180	Shale, black with siltstone streaks and streaks of pyrite.
480	670	190	Shale, black brittle, calcareous; some bentonite streaks.
670	704	34	Siltstone, gray shaly.
702	7 32	30	Sand, very fine grained, slightly calcareous - Top Ferron
732	830	98	Sand, fine to medium grained
830	860	30	Siltstone, very fine grained, calcareous, with carbonaceous streaks.
860	921	61	Shale, black, soft.
			Top Ferron sand 702 (Electric Log) Base Ferron sand 858 (Electric Log)

[OVER]

At the end of complete Driller's Log, add Geologic Tops. State whether from Electric Logs or samples.

SEP 17 1958

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HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or hailing.

Well was spudded 12/13/57 and a 7 7/8" hole was drilled to a total depth of 921'. 8 5/8" - 24# - J-55 surface pipe was run to 157' and cemented with 110 sacks of cement. Top of Ferron sand is 701' and base of sand is 858'. 5 1/2" - 14# - J-55 production string was run to 920' and cemented with 125 sacks of cement.

Nippled up 5 1/2" casing, ran 2" EUE tubing to depth of 763'. Perforated interval 772'-794' with 5 shots/foot. Fraced well with 3 pumps on casing and one pump on tubing; used 5,000 gallons diesel oil, with 1/10# gallon Adomite and 5,000 lbs. 20-40 mesh sand; then injected 70 rubber ball sealers followed by 5,000 gallons diesel oil and 5,000# sand. Average injection rate 24.3 bbls/min. Shut in 17 1/2 hrs. Flowed 125 barrels fluid in 24 hours on 16/64" & 13/64" chokes. Recovered 65 bbls. load oil and 60 bbls. salt water. Flowed 57 bbls. salt water in 7 hours on 18/64" choke, tubing pressure 30# psi, casing pressure 150# psi.

Ran Halliburton DC squeeze packer bridge plug, set at 744'. Squeezed 48 sacks cement with maximum pressure of 1,000# psi. Reversed out mud in hole with water, ran tubing in hole open ended, set at 664'. Perforated with Jet tubing gun @ 700'-720' with 5 shots/foot. No measurable amount of gas. Swabbed water out of hole, no measurable amount of gas. Shut well in 2 hours, no fluid. Acidized w/500 gallons MCA, breakdown pressure 1700# psi.

Fraced well with 5000 gallons Diesel oil and 5000# - 20 - 40 mesh sand - Inj. Pressure 1400# psi. Injected 50 rubber ball sealers, followed with 5000 gallons diesel, and 5000# sand. Injection pressure 1500# psi. Shut in well 4 hours. Flowed well 20 hours on 16/64" choke. Recovered 100 barrels frac oil. Recovered no water.

Gauged an estimated 300,000 c.f.g./d from interval 700'-720' after frac. Well presently shut-in waiting an market.

DATE 11/27/77

CONTRACTOR William A. White

DISTRICT

LEASE WELL NO. _____ ELEVATION _____

GROUND 11 DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED 12/11/57

ATE WELL COMPLETED.

[illegible]

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

[illegible]

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

REMARKS:

REMARKS: Moving north into Tarn
Dugong feeding on

SINGLE

DRILL COLLAR

BIT

DOWN ON KELLEY

MUD WEIGHT

VISCOSITY

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DATE 10/10/2014

CONTRACTOR WILLIAM J. BROWN

LEASE WELL NO. 1 ELEVATION 100 GROUND 100 DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED 10-17-56

ATE WELL COMPLETED.

[illegible]

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

[illegible]

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

REMARKS:

Flowing well into Tanks
I keep some Every Day. The very
best of the

4. Keep a diary Every day. Temperature
dropped ^{more} than 100° for 2 days

Alfred Thompson

TOWER

DRILLER

XERO
COPY

XERO
COPY

XERO

SECRET

POOR COPY

DATE 7/20/68

CONTRACTOR LEE GARDNER INC.

DISTRICT

LEASE WELL NO.

ELEVATION

GROUND.

DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED 12/25/55

ATE WELL COMPLETED.

[illegible]

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

[illegible]

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

MEASUREMENTS

STANDS

DOUBLE

SINGLE

DRILL COLLAR

BIT

DOWN ON KELLEY

MUD WEIGHT

VISCOSITY

REMARKS:

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DATE 7-1-68

CONTRACTOR WILLIAM B. WILSON & SONS, INC.

DISTRICT

LEASE WELL NO..

ELEVATION

GROUND

LDERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED 12/22/74

ATE WELL COMPLETED.

FROM	TO	SIZE OF HOLE	FORMATION	COLOR	HARDNESS	FEET DRILLED	REMARKS
				Light-b. to dark grey	1 to 2	0 to 10	Dr. 10 ft.
				very fine gr. sand	1 to 2	10 to 20	10 ft. (10 ft.)
				Started fine to coarse	1 to 2	20 to 30	20 ft. (20 ft.)
				fine to coarse	1 to 2	30 to 40	30 ft. (30 ft.)
				fine to coarse	1 to 2	40 to 50	40 ft. (40 ft.)
				fine to coarse	1 to 2	50 to 60	50 ft. (50 ft.)
				fine to coarse	1 to 2	60 to 70	60 ft. (60 ft.)
				fine to coarse	1 to 2	70 to 80	70 ft. (70 ft.)
				fine to coarse	1 to 2	80 to 90	80 ft. (80 ft.)
				fine to coarse	1 to 2	90 to 100	90 ft. (90 ft.)
				fine to coarse	1 to 2	100 to 110	100 ft. (100 ft.)
				fine to coarse	1 to 2	110 to 120	110 ft. (110 ft.)
				fine to coarse	1 to 2	120 to 130	120 ft. (120 ft.)
				fine to coarse	1 to 2	130 to 140	130 ft. (130 ft.)
				fine to coarse	1 to 2	140 to 150	140 ft. (140 ft.)
				fine to coarse	1 to 2	150 to 160	150 ft. (150 ft.)
				fine to coarse	1 to 2	160 to 170	160 ft. (160 ft.)
				fine to coarse	1 to 2	170 to 180	170 ft. (170 ft.)
				fine to coarse	1 to 2	180 to 190	180 ft. (180 ft.)
				fine to coarse	1 to 2	190 to 200	190 ft. (190 ft.)
				fine to coarse	1 to 2	200 to 210	200 ft. (200 ft.)
				fine to coarse	1 to 2	210 to 220	210 ft. (210 ft.)
				fine to coarse	1 to 2	220 to 230	220 ft. (220 ft.)
				fine to coarse	1 to 2	230 to 240	230 ft. (230 ft.)
				fine to coarse	1 to 2	240 to 250	240 ft. (240 ft.)
				fine to coarse	1 to 2	250 to 260	250 ft. (250 ft.)
				fine to coarse	1 to 2	260 to 270	260 ft. (260 ft.)
				fine to coarse	1 to 2	270 to 280	270 ft. (270 ft.)
				fine to coarse	1 to 2	280 to 290	280 ft. (280 ft.)
				fine to coarse	1 to 2	290 to 300	290 ft. (290 ft.)
				fine to coarse	1 to 2	300 to 310	300 ft. (300 ft.)
				fine to coarse	1 to 2	310 to 320	310 ft. (310 ft.)
				fine to coarse	1 to 2	320 to 330	320 ft. (320 ft.)
				fine to coarse	1 to 2	330 to 340	330 ft. (330 ft.)
				fine to coarse	1 to 2	340 to 350	340 ft. (340 ft.)
				fine to coarse	1 to 2	350 to 360	350 ft. (350 ft.)
				fine to coarse	1 to 2	360 to 370	360 ft. (360 ft.)
				fine to coarse	1 to 2	370 to 380	370 ft. (370 ft.)
				fine to coarse	1 to 2	380 to 390	380 ft. (380 ft.)
				fine to coarse	1 to 2	390 to 400	390 ft. (390 ft.)
				fine to coarse	1 to 2	400 to 410	400 ft. (400 ft.)
				fine to coarse	1 to 2	410 to 420	410 ft. (410 ft.)
				fine to coarse	1 to 2	420 to 430	420 ft. (420 ft.)
				fine to coarse	1 to 2	430 to 440	430 ft. (430 ft.)
				fine to coarse	1 to 2	440 to 450	440 ft. (440 ft.)
				fine to coarse	1 to 2	450 to 460	450 ft. (450 ft.)
				fine to coarse	1 to 2	460 to 470	460 ft. (460 ft.)
				fine to coarse	1 to 2	470 to 480	470 ft. (470 ft.)
				fine to coarse	1 to 2	480 to 490	480 ft. (480 ft.)
				fine to coarse	1 to 2	490 to 500	490 ft. (490 ft.)
				fine to coarse	1 to 2	500 to 510	500 ft. (500 ft.)
				fine to coarse	1 to 2	510 to 520	510 ft. (510 ft.)
				fine to coarse	1 to 2	520 to 530	520 ft. (520 ft.)
				fine to coarse	1 to 2	530 to 540	530 ft. (530 ft.)
				fine to coarse	1 to 2	540 to 550	540 ft. (540 ft.)
				fine to coarse	1 to 2	550 to 560	550 ft. (550 ft.)
				fine to coarse	1 to 2	560 to 570	560 ft. (560 ft.)
				fine to coarse	1 to 2	570 to 580	570 ft. (570 ft.)
				fine to coarse	1 to 2	580 to 590	580 ft. (580 ft.)
				fine to coarse	1 to 2	590 to	

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

[illegible]

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

REMARKS:

REMARKS: RIGGING UP TO BRAD PILE
AND DRIVING W/ HELIXATION
PILLOW TIME 16 MIN. MAX PILE DEPTH
1100 P.S.I. THEN FRACING @ 1200 P.S.I.
WELL CLOSED IN.

REMARKS: RIGGING UP TO BRAD PINE
AND FRACING W/ ALUMINUM
FRAC TIME 16 MIN. MAX PUMP PRESSURE
1100 P.S.I. THEN FRACING @ 1200 P.S.I.
WELL CLOSED IN.

REMARKS: RIGGING UP TO BRAD PILE
AND DRIVING W/ HELIXATION
PILLOW TIME 14 MIN. MAX PILE DEPTH
1100 P.S.I. THEN FRACING @ 1200 P.S.I.
WELL CLOSED IN.

REMARKS: RIGGING UP TO BRAD PILE
AND DRIVING W/ HELIXATION
PILLOW TIME 16 MIN. MAX PILE DEPTH
1100 P.S.I. THEN FRACING @ 1200 P.S.I.
WELL CLOSED IN.

REMARKS: Ripping up to road thru
sand making w/ helicopter
from time to time. Max sand thickness
meas. P.S.1. thru fracturing @ 421 ft.
well closed in.

REMARKS: RIGGING UP TO BRAD PINE
AND FRACING W/ HELIXATION
FRAC TIME 16 MIN. MAX PINE PRESSURE
1100 P.S.I. THRU FRACING @ 121 FPM.
WELL CLOSED IN.

REMARKS: RIGGING UP TO BRAD PINE
AND FRACING W/ ALUMINUM
FRAC TIME 16 MIN. MAX PINE PRESSURE
1100 P.S.I. THEN FRACING @ 1200 P.S.I.
WELL CLOSED IN.

REMARKS: RIGGING UP TO BRAD PINE
AND FRACING W/ HELIXATION
FRAC TIME 16 MIN. MAX PUMP PRESSURE
1100 P.S.I. THRU FRACING @ 421 GPM.
WELL CLOSED IN.

COMPANY REPRESENTATIVE

TOWER

DRILLER

XERO

XERO

XERO

2401

POOR COPY

DRILLING REPORT

DATE 12-27-90

CONTRACTOR

DISTRICT

LEASE WELL NO

ELEVATION.

GROUND

DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED 12-1-54

ATE WELL COMPLETED.

FORMATION RECORD

[illegible]

REAMING—CORING RECORD

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

TESTING RECORD

[illegible]

CASING AND TUBING RECORD

[illegible]

MEASUREMENTS	REMARKS:
STANDS	12:00 To 6:00 Run 5 shale
DOUBLE	2 to 4 hr intervals - Well made
SINGLE	to 661 water - found lines: 660 to 661
DRILL COLLAR	Csg built up to 270 in 15 min after
BIT	well was shut in
DOWN ON KELLEY	6:00 To 6:00 Lay down lines to 661
MUD WEIGHT	Tanks preparing to pump to well
VISCOSITY	

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DATE 12/1/51

CONTRACTOR James M. & John A. ...

DISTRICT

LEASE WELL NO.

ELEVATION.

GROUND *11-11*

LDERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED 12/14/57

ATE WELL COMPLETED.

[illegible]

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

[illegible]

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

MEASUREMENTS

STANDS

DOUBLE

SINGLE

DRILL COLLAR

BIT

DOWN ON KELLEY

MUD WEIGHT

VISCOSITY

REMARKS:

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DRILLING REPORT

DATE 12-23-60

DISTRICT

CONTRACTOR

LEASE WELL NO. 1

ELEVATION.

GROUND.

DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED.

ATE WELL COMPLETED.

FORMATION RECORD

[illegible]

REAMING—CORING RECORD

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

TESTING RECORD

[illegible]

CASING AND TUBING RECORD

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

MEASUREMENTS	REMARKS:
STANDS	12:00 To 1:00 Picking up Stand
DOUBLE	1:00 To 2:00 Run section pulled volume
SINGLE	IN TWO
DRILL COLLAR	2:00 To 3:00 Repack Swab
BIT	3:00 To 4:00 Section
DOWN ON KELLEY	
MUD WEIGHT	
VISCOSITY	

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DATE 12/2/81

CONTRACTOR James M. Miller

DISTRICT

LEASE WELL NO. 1-184

ELEVATION

GROUND 4-4

DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED 12-11-57

ATE WELL COMPLETED.

FORMATION RECORD

REAMING—CORING RECORD

TESTING RECORD

CASING AND TUBING RECORD

MEASUREMENTS

REMARKS:

REMARKS: 12:00 - 12:30. Finish Trip in El Centro
H. 12:30 - 3:45 - Working
3:45 - 4:15 - Pump. 4:15 - 10:00 - Working.
10:00 -

STANDS

DOUBLE

SINGLE

DRILL COLLAR

BIT *Thurs - D, A*

DOWN ON KELLEY. 247

MUD WEIGHT

VISCOSITY

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DATE 12-30-87

CONTRACTOR James J. O'Brien

DISTRICT

LEASE WELL NO.

ELEVATION

GROUND

DERBICK FLOOR

DATE ACTUAL DRILLING COMMENCED 12/1/57

ATE WELL COMPLETED.

[illegible]

FROM	TO	LENGTH	CORE #BL.	FORMATION	CORE NO.	RECOVERY

[illegible]

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

MEASUREMENTS

STANDS

DOUBLE

SINGLE

DRILL COLLAR

BIT

DOWN ON KELLEY

MUD WEIGHT

VISCOSITY

REMARKS:

LANDED 34 Cassins. 1000 ft. and
 Run Tundra. Reached 5000 ft.
 Run Cassin's Key -
 Run Schuchberger. Run Tundra 110
 184" 1000 ft. - 700 ft. - 700 ft. - 700 ft.
 Striking 1000 ft. 5000 ft. 1000 ft.
 1000 ft. 5000 ft. 1000 ft.

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DATE 12-30-57

CONTRACTOR Cashman & Peltzer

50 LEASE WELL NO. 1

ELEVATION

GROUND

DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED.

ATE WELL COMPLETED.

[illegible]

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

[illegible]

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

REMARKS:

Root 12 cm Blue' N. Carolina 1911.

R.O.P. Cert all P. 22

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DATE 12-23-57

CONTRACTOR Buchanan - P. L. L.

ATE WELL COMPLETED.

[illegible]

REMARKS LOGGING RECORD						
FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

[illegible][illegible]

REMARKS:

VISCOSITY

TOWER

DRILLER

POOR COPY

DATE _____

CONTRACTOR

DISTRICT

LEASE WELL NO

ELEVATION

GROUND

DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED.

ATE WELL COMPLETED.

[illegible]

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

[illegible]

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

REMARKS:

STANDS

DOUBLE

SINGLE

DRILL COLLAR

BIT

DOWN ON KELLEY

MUD WEIGHT

VISCOSITY

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DRILLING REPORT

DATE _____

DISTRICT

CONTRACTOR

LEASE WELL NO

ELEVATION

GROUND

DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED

ATE WELL COMPLETED.

FORMATION RECORD

[illegible]

REAMING—CORING RECORD

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

TESTING RECORD

[illegible]

CASING AND TUBING RECORD

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

MEASUREMENTS	REMARKS:
STANDS	12:00 - 1:15 - Trip in and running Kelly down. That's the
DOUBLE	1:15 - 4:00 - Trip out and
SINGLE	4:00 - 5:00 - Trip in and
DRILL COLLAR	5:00 - 6:30 - Trip out. Break on ahead on
BIT	6:30 - 8:00 - Trip in and
DOWN ON KELLEY	8:00 - 10:00 - Trip out
MUD WEIGHT	10:00 - 11:00 - Trip out
VISCOSITY	11:00 - 13:00 - Run up and

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DRILLING REPORT

CONTRACTOR Cushman & Pierce

DISTRICT

LEASE WELL NO

ELEVATION.

GROUND

DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED.

ATE WELL COMPLETED.

FORMATION RECORD

[illegible]

REAMING—CORING RECORD

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

TESTING RECORD

[illegible]

CASING AND TUBING RECORD

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

MEASUREMENTS	REMARKS
STANDS	12:00 To 12:30 Lay down Core 661
DOUBLE	12:30 To 1:30 Going in hole
SINGLE	1:30 To 5:55 Hoisting 155' Core hole
DRILL COLLAR 8	5:55 To 8:20 Drilling
BIT # 6 - 2 1/2" x 11 1/2" x 7/8"	8:20 To 9:30 Core
DOWN ON KELLEY 11	9:30 To 11:00 Pulling out. Iron, all
MUD WEIGHT 1.5	Trying To Flow thru Pipe
VISCOSITY 50	11:00 To 12:00 Shut well & Pump down

REMARKS:

12:00 To 12:30 Lay down Core log
12:30 To 1:30 Going in hole
1:30 To 5:55 Reaming 155' Core hole
5:55 To 8:30 Drilling
8:30 To 9:30 Core
9:30 To 11:00 Pulling out. Log, fill
Trying To Follow Thru Pipe
11:00 To 12:00 Seal water Pump & Clean
up Holes To Test MAPPING Bore Screen

XERO
COPY

COMM. REPRESENTATIVE

XERO
COPY

TOWER

XERO
COPY

DRILLER

25

POOR COPY

DRILLING REPORT

DATE 10-26-61

CONTRACTOR 2400 Main St. N. W.

GROUND _____ DERRICK FLOOR _____

DISTRICT

LEASE WELL NO

ELEVATION

DATE ACTUAL DRILLING COMMENCED.

ATE WELL COMPLETED.

[illegible]

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY
809	814	6' 1/2	68	Sand & shale	3	Full

[illegible]

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

STANDS	
DOUBLE	
SINGLE	
DRILL COLLAR	6
BIT	Chen Dia 7 1/4
DOWN ON KELLEY	
MUD WEIGHT	8.5
VISCOSITY	55

REMARKS:

12:00 To 12:05 Pulling
12:05 To 12:10 (1st)
12:10 To 12:15 Pulling #2
12:15 To 12:20 Dressing & Laydown
12:20 To 12:30 Going in with 1st
12:30 To 12:35 Pulling #3
12:35 To 12:40 (2nd)
12:40 To 12:45 Pulling #4
12:45 To 12:50 (3rd)
12:50 To 12:55 Pulling #5
12:55 To 1:00 (4th)
1:00 To 1:05 Pulling #6
1:05 To 1:10 (5th)
1:10 To 1:15 Pulling #7
1:15 To 1:20 (6th)
1:20 To 1:25 Pulling #8
1:25 To 1:30 (7th)
1:30 To 1:35 Pulling #9
1:35 To 1:40 (8th)
1:40 To 1:45 Pulling #10
1:45 To 1:50 (9th)
1:50 To 1:55 Pulling #11
1:55 To 2:00 (10th)
2:00 To 2:05 Pulling #12
2:05 To 2:10 (11th)
2:10 To 2:15 Pulling #13
2:15 To 2:20 (12th)
2:20 To 2:25 Pulling #14
2:25 To 2:30 (13th)
2:30 To 2:35 Pulling #15
2:35 To 2:40 (14th)
2:40 To 2:45 Pulling #16
2:45 To 2:50 (15th)
2:50 To 2:55 Pulling #17
2:55 To 3:00 (16th)
3:00 To 3:05 Pulling #18
3:05 To 3:10 (17th)
3:10 To 3:15 Pulling #19
3:15 To 3:20 (18th)
3:20 To 3:25 Pulling #20
3:25 To 3:30 (19th)
3:30 To 3:35 Pulling #21
3:35 To 3:40 (20th)
3:40 To 3:45 Pulling #22
3:45 To 3:50 (21st)
3:50 To 3:55 Pulling #23
3:55 To 4:00 (22nd)
4:00 To 4:05 Pulling #24
4:05 To 4:10 (23rd)
4:10 To 4:15 Pulling #25
4:15 To 4:20 (24th)
4:20 To 4:25 Pulling #26
4:25 To 4:30 (25th)
4:30 To 4:35 Pulling #27
4:35 To 4:40 (26th)
4:40 To 4:45 Pulling #28
4:45 To 4:50 (27th)
4:50 To 4:55 Pulling #29
4:55 To 5:00 (28th)
5:00 To 5:05 Pulling #30
5:05 To 5:10 (29th)
5:10 To 5:15 Pulling #31
5:15 To 5:20 (30th)
5:20 To 5:25 Pulling #32
5:25 To 5:30 (31st)
5:30 To 5:35 Pulling #33
5:35 To 5:40 (32nd)
5:40 To 5:45 Pulling #34
5:45 To 5:50 (33rd)
5:50 To 5:55 Pulling #35
5:55 To 6:00 (34th)
6:00 To 6:05 Pulling #36
6:05 To 6:10 (35th)
6:10 To 6:15 Pulling #37
6:15 To 6:20 (36th)
6:20 To 6:25 Pulling #38
6:25 To 6:30 (37th)
6:30 To 6:35 Pulling #39
6:35 To 6:40 (38th)
6:40 To 6:45 Pulling #40
6:45 To 6:50 (39th)
6:50 To 6:55 Pulling #41
6:55 To 7:00 (40th)
7:00 To 7:05 Pulling #42
7:05 To 7:10 (41st)
7:10 To 7:15 Pulling #43
7:15 To 7:20 (42nd)
7:20 To 7:25 Pulling #44
7:25 To 7:30 (43rd)
7:30 To 7:35 Pulling #45
7:35 To 7:40 (44th)
7:40 To 7:45 Pulling #46
7:45 To 7:50 (45th)
7:50 To 7:55 Pulling #47
7:55 To 8:00 (46th)
8:00 To 8:05 Pulling #48
8:05 To 8:10 (47th)
8:10 To 8:15 Pulling #49
8:15 To 8:20 (48th)
8:20 To 8:25 Pulling #50
8:25 To 8:30 (49th)
8:30 To 8:35 Pulling #51
8:35 To 8:40 (50th)
8:40 To 8:45 Pulling #52
8:45 To 8:50 (51st)
8:50 To 8:55 Pulling #53
8:55 To 9:00 (52nd)
9:00 To 9:05 Pulling #54
9:05 To 9:10 (53rd)
9:10 To 9:15 Pulling #55
9:15 To 9:20 (54th)
9:20 To 9:25 Pulling #56
9:25 To 9:30 (55th)
9:30 To 9:35 Pulling #57
9:35 To 9:40 (56th)
9:40 To 9:45 Pulling #58
9:45 To 9:50 (57th)
9:50 To 9:55 Pulling #59
9:55 To 10:00 (58th)
10:00 To 10:05 Pulling #60
10:05 To 10:10 (59th)
10:10 To 10:15 Pulling #61
10:15 To 10:20 (60th)
10:20 To 10:25 Pulling #62
10:25 To 10:30 (61st)
10:30 To 10:35 Pulling #63
10:35 To 10:40 (62nd)
10:40 To 10:45 Pulling #64
10:45 To 10:50 (63rd)
10:50 To 10:55 Pulling #65
10:55 To 11:00 (64th)
11:00 To 11:05 Pulling #66
11:05 To 11:10 (65th)
11:10 To 11:15 Pulling #67
11:15 To 11:20 (66th)
11:20 To 11:25 Pulling #68
11:25 To 11:30 (67th)
11:30 To 11:35 Pulling #69
11:35 To 11:40 (68th)
11:40 To 11:45 Pulling #70
11:45 To 11:50 (69th)
11:50 To 11:55 Pulling #71
11:55 To 12:00 (70th)
12:00 To 12:05 Pulling #72
12:05 To 12:10 (71st)
12:10 To 12:15 Pulling #73
12:15 To 12:20 (72nd)
12:20 To 12:25 Pulling #74
12:25 To 12:30 (73rd)
12:30 To 12:35 Pulling #75
12:35 To 12:40 (74th)
12:40 To 12:45 Pulling #76
12:45 To 12:50 (75th)
12:50 To 12:55 Pulling #77
12:55 To 1:00 (76th)
1:00 To 1:05 Pulling #78
1:05 To 1:10 (77th)
1:10 To 1:15 Pulling #79
1:15 To 1:20 (78th)
1:20 To 1:25 Pulling #80
1:25 To 1:30 (79th)
1:30 To 1:35 Pulling #81
1:35 To 1:40 (80th)
1:40 To 1:45 Pulling #82
1:45 To 1:50 (81st)
1:50 To 1:55 Pulling #83
1:55 To 2:00 (82nd)
2:00 To 2:05 Pulling #84
2:05 To 2:10 (83rd)
2:10 To 2:15 Pulling #85
2:15 To 2:20 (84th)
2:20 To 2:25 Pulling #86
2:25 To 2:30 (85th)
2:30 To 2:35 Pulling #87
2:35 To 2:40 (86th)
2:40 To 2:45 Pulling #88
2:45 To 2:50 (87th)
2:50 To 2:55 Pulling #89
2:55 To 3:00 (88th)
3:00 To 3:05 Pulling #90
3:05 To 3:10 (89th)
3:10 To 3:15 Pulling #91
3:15 To 3:20 (90th)
3:20 To 3:25 Pulling #92
3:25 To 3:30 (91st)
3:30 To 3:35 Pulling #93
3:35 To 3:40 (92nd)
3:40 To 3:45 Pulling #94
3:45 To 3:50 (93rd)
3:50 To 3:55 Pulling #95
3:55 To 4:00 (94th)
4:00 To 4:05 Pulling #96
4:05 To 4:10 (95th)
4:10 To 4:15 Pulling #97
4:15 To 4:20 (96th)
4:20 To 4:25 Pulling #98
4:25 To 4:30 (97th)
4:30 To 4:35 Pulling #99
4:35 To 4:40 (98th)
4:40 To 4:45 Pulling #100
4:45 To 4:50 (99th)
4:50 To 4:55 Pulling #101
4:55 To 5:00 (100th)
5:00 To 5:05 Pulling #102
5:05 To 5:10 (101st)
5:10 To 5:15 Pulling #103
5:15 To 5:20 (102nd)
5:20 To 5:25 Pulling #104
5:25 To 5:30 (103rd)
5:30 To 5:35 Pulling #105
5:35 To 5:40 (104th)
5:40 To 5:45 Pulling #106
5:45 To 5:50 (105th)
5:50 To 5:55 Pulling #107
5:55 To 6:00 (106th)
6:00 To 6:05 Pulling #108
6:05 To 6:10 (107th)
6:10 To 6:15 Pulling #109
6:15 To 6:20 (108th)
6:20 To 6:25 Pulling #110
6:25 To 6:30 (109th)
6:30 To 6:35 Pulling #111
6:35 To 6:40 (110th)
6:40 To 6:45 Pulling #112
6:45 To 6:50 (111th)
6:50 To 6:55 Pulling #113
6:55 To 7:00 (112th)
7:00 To 7:05 Pulling #114
7:05 To 7:10 (113th)
7:10 To 7:15 Pulling #115
7:15 To 7:20 (114th)
7:20 To 7:25 Pulling #116
7:25 To 7:30 (115th)
7:30 To 7:35 Pulling #117
7:35 To

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DRILLING REPORT

DATE 12/17/70

DISTRICT

CONTRACTOR James J. Murphy

LEASE WELL NO. 1-11 ELEVATION _____

GROUND _____ DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED 12-14-57

ATE WELL COMPLETED.

FORMATION RECORD

[illegible]

REAMING—CORING RECORD

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY
7/11	8-7	Chris Dia	1.5			

TESTING RECORD

[illegible]

CASING AND TUBING RECORD

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

MEASUREMENTS

REMARKS:

STANDS

DOUBLE

DOUBLE	13115 - 1100 - Trip on Trehauge Street
SINGLE	CARRIAGE CO TEST TICKET, \$1.00, 01/24/71

SINGLE

DRILL COLLAR

BIT Christina

DOWN ON KELLEY

MUD WEIGHT

VISCOSITY

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DRILLING REPORT

CONTRACTOR JOSE ALAN F. MORALES

LEASE WELL NO.

ELEVATION

GROUND.

DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED.

ATE WELL COMPLETED.

[illegible]

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY
773	774		6.5"	Sand & shale	2	FULL

[illegible]

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS
						Strong blue talc in mica

REMARKS:

12:00 To 1:45 Work on Pump

1:45 PM 5:20 Caroline

5:20 To 6:20 Core of Savanna Mts

4:26 To 7:00 Pull Cars #2 & set HPL

7:00 To 7:00 Peking House - 10/10/12

73 up To 10/15/57 (Gaming) in 1952 10/15/57 13-10-57

10/15 To 10/25 R/G/T/T Fire - Tolmery Rd 190

[illegible]

THREE TOWER

COMPANY REPRESENTATIVE

TOWER

DRILLER

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AMERICAN LIBERTY OIL COMPANY

DRILLING REPORT

DATE 12-19-57

CONTRACTOR Eastman & Piller

DISTRICT PER

LEASE WELL NO. _____ ELEVATION _____

GROUND 10-11" DERRICK FLOOR _____

DATE ACTUAL DRILLING COMMENCED 12-14-57

ATE WELL COMPLETED _____

FORMATION RECORD

FROM	TO	SIZE OF HOLE	FORMATION	COLOR	HARDNESS	FEET DRILLED	REMARKS
							CRINGE 1
							AND 2
							12 hrs.
							W. D. P.
							11 1/2" DIA.
							90% RECOVERY
							1 TON

REAMING-CORING RECORD

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY
692	734		1.5 FT	SAND & SHALE	1	11
734	773		" "	" "	2	

TESTING RECORD

FROM	TO	TESTER	NO. JTS.	OIL	WATER	MUD	TIME	REMARKS

CASING AND TUBING RECORD

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

MEASUREMENTS	REMARKS:
STANDS 8	12:00-4:15 - CORING AT 1
DOUBLE	4:15-6:00 - TRIP OUT W/ 12" DIA. 1 TON
SINGLE 1 - C.B.B.L. - 6.5 FT	4:15-6:00 - 50% C.B.B.L. - TRIP IN
DRILL COLLAR 6	4:15-6:00 - 50% C.B.B.L. - TRIP IN
BIT CHRIS - DIA 7 1/4	11:00-12:00 - CORING AT 1
DOWN ON KELLEY	
MUD WEIGHT	
VISCOSITY 9.3	

COMPANY REPRESENTATIVE

TOWER

DRILLER

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DRILLING REPORT

DATE 12/17/51

CONTRACTOR LEWIS & CLARK

GROUND _____ DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED.

ATE WELL COMPLETED.

FORMATION RECORD

[illegible]

REAMING—CORING RECORD

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY
692	102	246	65		1	

TESTING RECORD

[illegible]

CASING AND TUBING RECORD

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

MEASUREMENTS	REMARKS:
STANDS	12:00 To 12:30 Circ hole
DOUBLE	12:30 To 1:45 Pull out of hole
SINGLE	1:45 To 3:45 Hold up to htbl & service
DRILL COLLAR	6
BIT	2'45 To 4:00 Circ
DOWN ON KELLEY	4:00 To 5:45 Circ
MUD WEIGHT	9.5
VISCOSITY	55

COMPANY REPRESENTATIVE

TOWER

DRILLER

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AMERICAN LIBERTY OIL COMPANY

DRILLING REPORT

DATE 12/13/57

CONTRACTOR Richard P. Fisher

DISTRICT

LEASE WELL NO. 1-14

ELEVATION

GROUND 10-11

DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED 12-14-57

ATE WELL COMPLETED

FORMATION RECORD

FROM	TO	SIZE OF HOLE	FORMATION	COLOR	HARDNESS	FEET DRILLED	REMARKS
57.5	45.5 1.93	7 1/8	Shale	Black	Med	118	7 9/16
							5 TANEX
							1 SCDA
							2 DEPT. CASE
							25 TUBING
							5 KTS LEAD

REAMING-CORING RECORD

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

TESTING RECORD

FROM	TO	TESTER	NO. JTS.	OIL	WATER	MUD	TIME	REMARKS

CASING AND TUBING RECORD

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

MEASUREMENTS

STANDS 8

DOUBLE

SINGLE

DRILL COLLAR 6

BIT 3-KS-7 7/8

DOWN ON KELLEY 20

MUD WEIGHT 9.4

VISCOSITY 38

REMARKS:

12:00 - 7:45 - DRILL
7:45 - 8:00 - Pipe Samples
8:00 - 9:30 TRIP OUT (Tight bit)
9:30 - 11:15 - Change BIT & Run
BACK TO BOTTOM
11:15 - Pipe Clean

COMPANY REPRESENTATIVE

TOWER

DRILLER

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DRILLING REPORT

DATE 12-10-51

CONTRACTOR Cushman & Fletcher

DISTRICT

LEASE WELL NO. 1-14

ELEVATION.

GROUND 10' - 11'

DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED 1964 7 20

ATE WELL COMPLETED

FORMATION RECORD

[illegible]

* REAMING—CORING RECORD

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

TESTING RECORD

[illegible]

CASING AND TUBING RECORD

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS
						ARMED 11.5% H ₂ O gel
						ARMED 11.5% H ₂ O gel

MEASUREMENTS

REMARKS:

STANDS

DOUBLE

SINGLE

DRILL COLLAR

BIT 3 15 1/4

DOWN ON KELLEY

MUD WEIGHT

VISCOSITY

12:00 To 4:15 Dr. /

4:45 To 1:00 Pull out whole E. vein

Bank of 1st Dec. 1871

6:00 To River Cleaning Hike

8:00 To 10:00 MIX Gel & C w/ Med

hook up till the line

10:00 To 10:45^{am} General by light

10:45 To Dd¹ & Mrs. G.

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DRILLING REPORT

DATE 1/2/77

CONTRACTOR OSCARIAN & MILLER

_DISTRICT

LEASE WELL NO. 1-14

ELEVATION

GROUND 10-11

DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED 12/1/51

ATE WELL COMPLETED.

FORMATION RECORD

[illegible]

REAMING—CORING RECORD

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

TESTING RECORD

[illegible]

CASING AND TUBING RECORD

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

MEASUREMENTS	REMARKS:
STANDS 2	1100 - 1100 W/C / PUMP AND MUD LINES. TRK DA SHAFFER.
DOUBLE	1100 - 1145 DRG CUT CEMENT & SACK.
SINGLE 1	1145 - 1111 - PRESSURE UP W/ 500 PSI - 5 MIN
DRILL COLLAR 4	TEST O.K.
BIT	2:00 - 1:00 INSTALL FLOW LINE, BUILD MUD
DOWN ON KELLEY	SAMPLE BSA - DISPLACE MUD W/ WATER
MUD WEIGHT	AUXILIARY MUD W/C FILL UP LINE
VISCOSITY	1100 - 1300 R/L

COMP. REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DRILLING REPORT

DATE 10-11-57

DISTRICT

CONTRACTOR

LEASE WELL NO

ELEVATION

GROUND

DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED.

ATE WELL COMPLETED.

FORMATION RECORD

[illegible]

REAMING—CORING RECORD

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

TESTING RECORD

[illegible]

CASING AND TUBING RECORD

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

MEASUREMENTS

REMARKS:

STANDS

DOUBLE

SINGLE

DRILL COLLAR

BIT

DOWN ON KELLEY

MUD WEIGHT

VISCOSITY

12:00 To 9:00 Nipoting up & work
on B.O.P. 9:00 To 12:00 Go in hole
Pickup 1 DE. - work on Pump
Used 15 bags Baroid & 6 bags Cement
behind surface pipe. To stop
water flow.

XERO
COPY

COMPARE REPRESENTATIVE

XERO
COPY

TOWER

XERO
COPY

DRILLER

○

POOR COPY

DRILLING REPORT

DATE 12/16/57

CONTRACTOR Cushman & Wakefield

DISTRICT

LEASE WELL NO. 1-11 ELEVATION _____

GROUND 10-11-12 DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED.

ATE WELL COMPLETED.

FORMATION RECORD

[illegible]

REAMING—CORING RECORD

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

TESTING RECORD

[illegible]

CASING AND TUBING RECORD

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

MEASUREMENTS	REMARKS:
STANDS	Rig up Haliburton - Cement 10"
DOUBLE	SURFACE CASING W/110 SXS IDEAL TYPE
SINGLE	1 CEMENT, MIXING TIME 9 MIN.
DRILL COLLAR	DISPLACING TIME 5 MIN, CEMENT IN
BIT	Place @ 12:50
DOWN ON KELLEY	Level Rig - Set Bits, Check up
MUD WEIGHT	AROUND Rig
VISCOSITY	

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DATE 12/16/57
CONTRACTOR Rushman & Pletcher
GROUND 10' 11" DERRICK FLOOR

DATE 12/16/51
CONTRACTOR RUSHMAN & PLEHR

CONTRACTOR R. U. S. HAMMOND & SONS
GROUND 10' 11" DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED.....

ATE WELL COMPLETED

[illegible]

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

[illegible]

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

Martin *Harold P. [Signature]*

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DRILLING REPORT

DATE 12/18/88

CONTRACTOR 15444

DISTRICT

LEASE WELL NO. 1-14

ELEVATION

GROUND 11 E 11th DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED 12-14-57

ATE WELL COMPLETED.

FORMATION RECORD

[illegible]

REAMING—CORING RECORD

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

TESTING RECORD

[illegible]

CASING AND TUBING RECORD

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

MEASUREMENTS

REMARKS:

STANDS

14:00 to 1:00 Hearing 9" to 12 1/2"

DOUBLE

6:00 - 6:30 - Circle Lake

SINGLE

6:30 - 7:30 - TRIP OUT, Rig UP To Run

DRILL COLLAR

10 " CASE 1149

BIT

7:20 - 10:19 ATTEMPTING TO RUN CASE
(WOULD NOT GO)

DOWN ON KELLEY

10:00 - 11:00 - Pub. AND STAND REACH

MUD WEIGHT

9 STONE CASING - PUT ON 12" IRON

VISCOSITY

Run in 1 D.C. (END OF TOUR) (93)

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DRILLING REPORT

DATE 12/15/68

DISTRICT

CONTRACTORLEASE WELL NO. 2-14

ELEVATION.

GROUND

DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED 12-14-57

ATE WELL COMPLETED

FORMATION RECORD

[illegible]

REAMING—CORING RECORD

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

TESTING RECORD

[illegible]

CASING AND TUBING RECORD

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

MEASUREMENTS	REMARKS
STANDS	12:00 To 4:00 Drily Hole Caving & Stop
DOUBLE	Pipe 4:00 To 5:30 Pull up 3 in & mix Gel
SINGLE	17 Sks Gel "ok time"
DRILL COLLAR	5:30 To 6:00 Pull bit #1 for new bit
BIT	6:00 To 10:00 Drily
DOWN ON KELLEY	10:00 To 10:30 Pull bit #2
MUD WEIGHT	10:30 To 12:00 Reaming 7" bit to 12 1/2
VISCOSITY	

REMARKS:

REMARKS: 12:00 To 4:00 Drly Hole Caving & Staking
Pipe 4:00 To 5:30 Pull up Pipe & out Get
17 SAs Get "ok time"
5:30 To 6:00 Pull bit #1 for New bit
6:00 To 10:00 Drly
10:00 To 10:30 Pull bit #2
10:30 To 12:00 Reaming 7" hole to 124

TOWER

DRILLER

POOR COPY

DRILLING REPORT

DATE 12/14/57

CONTRACTOR

DISTRICT

LEASE WELL NO. 11-1-1-1

ELEVATION

GROUND 87-14-1a

DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED 12-11-57

ATE WELL COMPLETED.

FORMATION RECORD

[illegible]

REAMING—CORING RECORD

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

TESTING RECORD

[illegible]

CASING AND TUBING RECORD

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

MEASUREMENTS	REMARKS:
STANDS	1st Cor. 45' in. 1st Cor. 45'
DOUBLE	2nd Cor. 45' in. 2nd Cor. 45'
SINGLE	3rd Cor. 45' in. 3rd Cor. 45'
DRILL COLLAR	4th Cor. 45' in. 4th Cor. 45'
BIT	5th Cor. 45' in. 5th Cor. 45'
DOWN ON KELLEY	6th Cor. 45' in. 6th Cor. 45'
MUD WEIGHT	7th Cor. 45' in. 7th Cor. 45'
VISCOSITY	8th Cor. 45' in. 8th Cor. 45'

COMPANY REPRESENTATIVE

TOWER

DRILLED

POOR COPY

DATE 11/15/52

CONTRACTOR

DISTRICT

PLEASE WELL NO

ELEVATION

GROUND 8 ft 4 in DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED.

ATE WELL COMPLETED.

[illegible]

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

[illegible]

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

REMARKS:

DOUBLE

SINGLE

DRILL COLLAR

BIT

DOWN ON KELLEY

MUD WEIGHT

VISCOSITY

~~COMPANY~~ REPRESENTATIVE

TOWER

DRILLER

POOR COPY

DRILLING REPORT

DATE 12/12/53

CONTRACTOR

DISTRICT

PLEASE WELL NO

ELEVATION.

GROUND 2741 DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED.

ATE WELL COMPLETED.

FORMATION RECORD

[illegible]

REAMING—CORING RECORD

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

TESTING RECORD

[illegible]

CASING AND TUBING RECORD

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

MEASUREMENTS

REMARKS:

STANDS

DOUBLE

SINGLE

DRILL COLLAR

BIT

DOWN ON KELLEY

MUD WEIGHT

VISCOSITY

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

Pacific Nat
Habitat

DRILLING REPORT

DATE 12/11/67

CONTRACTOR Richard A. Fitch

DISTRICT

LEASE WELL NO

ELEVATION

GROUND

DERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED.

ATE WELL COMPLETED.

FORMATION RECORD

9 Dec

REAMING—CORING RECORD

1994

TESTING RECORD

1994

CASING AND TUBING RECORD

1994

REMARKS:	locating location by hand GPS riding up on S.W. corner of hill. following ridge line to top of hill.
----------	--

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

AMERICAN PETROFINA COMPANY OF TEXAS

DIVISION OF AMERICAN PETROFINA, INCORPORATED

366 SOUTH FIFTH EAST
SALT LAKE CITY, UTAH

January 2, 1958



Utah Oil & Gas Conservation Comm.
State Capitol Building
Salt Lake City, Utah

Gentlemen:

Attached please find surveyed plat for the Fee 1-14
well, C NE NE, Section 14, T. 20 S., R. 7 E.

Yours truly,

AMERICAN PETROFINA OF TEXAS

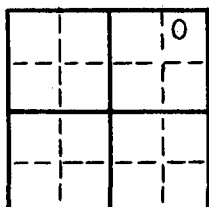
Stanley H. Collins
Geologist

SHC/lp

Enclosure

(SUBMIT IN DUPLICATE)

LAND:



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
 SALT LAKE CITY 14, UTAH

Fee and Patented.....☒
 State☐
 Lease No.
 Public Domain☐
 Lease No.
 Indian☐
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	Supplementary Well History.....	<input checked="" type="checkbox"/>
Notice of Intention to Abandon Well.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 14, 1958

Well No. Fee 1-14 is located 660 ft. from N line and 660 ft. from E line of Sec. 14

C NE NE - 14 T. 20 S. R. 7 E.
 (¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Ferron Emery County Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5840 feet.

A drilling and plugging bond has been filed with State Conservation Commission

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Well was drilled to a total depth of 923'. Top of the Ferron Sand is 702'. Following are Drill Stem Test Data:

1- DST 702'-794': Op. 1 hour, 15 min., S.I. 30 min. Gas to surface in 4 min., gauged 7,000 cu.ft.gas/day. Recovered 189' gas and water cut mud. FP 70# psi; SIP 290# psi; Hyd. 290# psi.

2- DST 665'-794': Op. 1 hr., S.I. 30 min. Gas to surface in 4 min., gauged 12,000 cu.ft.gas/day. Recovered 155' gas & water cut mud. FP 50# psi; SIP 290# psi; Hydr. 290# psi.

3- DST 794'-917': Op. 1 hr. 50 min., S.I. 30 min. Gas to surface in 4 min., gauged 54,000 cu.ft.gas/day. Rec. 72' gas cut mud. FP 40# psi; SIP 455# psi; Hyd. 360# psi.

Following are core descriptions:

Core #1: 693'-734'. Recovered 41'. 9' of black carbonaceous shale and 32' of sand, fine to med. grain. Core #2: 734'-794'. Rec. 60'. 1' shale, black, 59' sand to siltstone, med. to fine grain. Core #3: 794'-844'. Rec. 48' of sand and siltstone. Core #4: 844'-867'. Rec. 23'. 15' of gray siltstone, 6' black carbonaceous shale.

Company American Petrofina of Texas - English Oil

Address 366 South 5th East

Salt Lake City, Utah

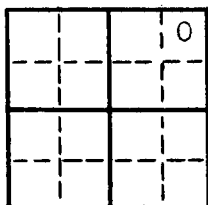
By Stanley H. Collins

Title Geologist

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

(SUBMIT IN-DUPLICATE)

LAND:



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
 SALT LAKE CITY 14, UTAH

Fee and Patented.....☒
 State☐
 Lease No.
 Public Domain☐
 Lease No.
 Indian☐
 Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	Supplementary Well History.....	X
Notice of Intention to Abandon Well.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 20, 19.58

Well No. Fee 1-14 is located 660 ft. from {N} line and 660 ft. from {E} line of Sec. 14

C NE NE 20 South 7 East
 (¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Ferron Emery County Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5840 feet.

A drilling and plugging bond has been filed with State Conservation Commission

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Ran 922' of 5½" - 14# casing to total depth and cemented with 122 sxs cement. Landed 2" EUE tubing at 765' and ran Schlumberger Tubing Gun perforating from 772'-794' with 5 shots per foot. Swab every 4 hours, recovered 1 barrel of water. S.I.P. 390# psi. Loaded hole with diesel fuel and fraced well as follows: Pump 5000 gallons of diesel with 1/10# Adamite and 5000# sand; Breakdown pressure 1350# psi; injection rate 26 barrels/minute. Dropped 70 rubber balls, pressure increased to 1600# psi, with a gradual breakdown to 1575# psi. Followed with an additional 5000 gallons of diesel and 500# sand. Average injection rate 24.3 barrels/minute. Flow for 24 hours with a recovery of 125 barrels of fluid of which 65 barrels of load oil and 60 barrels of salt water, with no measurable amount of gas. Flowed an additional 7 hours, recovered 57 barrels of salt water on 18/64" choke. T.P. 30# psi. C.P. 150# psi. Well is now shut in waiting on workover rig.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company American Petrofina-English Oil

Address 366 South 5th East

Salt Lake City, Utah

By Stanley H. Collins

Title Geologist

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

AMERICAN PETROFINA COMPANY OF TEXAS

DIVISION OF AMERICAN PETROFINA, INCORPORATED

366 SOUTH FIFTH EAST
SALT LAKE CITY, UTAH

January 20, 1958



H
1-27-58

Utah Oil & Gas Conservation Commission
State Capitol Building
Salt Lake City, Utah

Gentlemen:

Enclosed is a supplementary well history for our
Fee 1-14 test in the Ferron field, Emery County, Utah.

Yours truly,

AMERICAN PETROFINA OF TEXAS

Stanley H. Collins
Stanley H. Collins *CP*
Geologist

SHC/lp

Enclosure

DRILLING REPORT

CONTRACTOR

DISTRICT

LEASE WELL NO

ELEVATION.

GROUND.

LDERRICK FLOOR

DATE ACTUAL DRILLING COMMENCED 12/14/51

ATE WELL COMPLETED.

[illegible]

FROM	TO	LENGTH	CORE BBL.	FORMATION	CORE NO.	RECOVERY

[illegible]

SIZE	THREAD	WEIGHT	NO. JTS.	FORMATION SEAT	DEPTH	REMARKS

REMARKS:

DOUBLE

DOUBLE

DRILL COLLAR

BIT

DOWN ON KELLEY

MUD WEIGHT

VISCOSITY

COMPANY REPRESENTATIVE

TOWER

DRILLER

POOR COPY

September 11, 1958

American Petrofina Company of Texas
366 South 5th East
Salt Lake City, Utah

Re: Well No. Fee 1-14,
Sec. 14, T. 20 S, R. 7 E,
SEEM, Emery County, Utah

Gentlemen:

This letter is to advise you that the well log for the above mentioned well has not as yet been filed with this office as required by our rules and regulations.

Please complete the enclosed Forms OGCC-3, Log of Oil or Gas Well, in duplicate, and forward them to this office as soon as possible.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLYDE B. FREIGHT
SECRETARY

CBF:co

Encl. (Forms OGCC-3)

TELEPHONE: DAVIS 2-2583



September 16, 1958

Oil & Gas Conservation Commission
State Capitol Building
Salt Lake City 14, Utah

Attention: Cleon B. Feight, Secretary

Gentlemen:

Re: Well No. Fee 1-14,
Sec. 14 T. 20 S, R. 7 E,
SLBM, Emery County, Utah

Enclosed herewith is your Form OGCC-3, Log of Oil or Gas Well, in duplicate, as per your request of September 11, 1958. Your letter was addressed to American Petrofina Company of Texas, but since this well is a joint well, English Oil Company is taking the liberty of answering it.

Yours very truly,

ENGLISH OIL COMPANY

Stanley H. Collins
Chief Geologist

SHC:jct
encl.

W/

TELEPHONE: DAVIS 2-2583



June 26, 1961

The State of Utah
Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Attention: Ann W. Glines, Records Clerk

Dear Madam:

Enclosed please find copies of electric logs which you requested on June 21, 1961 for the following wells:

WELL NO. FEE 1-14
Section 14, T. 20 S., R. 7 E.,
Emery County, Utah

WELL NO. GOV'T. 1-4
Section 4, T. 21 S., R. 7 E.,
Emery County, Utah

We are sorry we failed to furnish these to you previously.

Yours very truly,

ENGLISH OIL COMPANY

Robert A. Patterson
Robert A. Patterson
Chief Landman

RAP:dle

Enclosures (4)

PACIFIC NATURAL GAS EXPLORATION COMPANY

366 SOUTH FIFTH EAST

SALT LAKE CITY 2, UTAH

November 13, 1962

Mr. Cleon B. Feight,
Executive Director
Utah Oil & Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Re: Well No. State 1-22,
Sec. 22, T. 20 S., R. 7 E.,
Emery County, Utah, and

Well No. Fee 1-14
Sec. 14, T. 20 S., R. 7 E.,
Emery County, Utah

Dear Mr. Feight:

This is in reply to Mr. Paul W. Burchell's letter of October 25, 1962 concerning the subject wells. In Mr. Burchell's letter he requested that the wells be posted and certain clean up work performed in the Ferron Field. On November 5th I was in Ferron and attempted to find a bulldozer to perform the clean up work, but found that the only one in town which does this type of service is presently tied up on previous commitments. This bulldozer should be free around the first of December and at that time we will see that these wells are cleaned up.

We have ordered identification signs to be placed on these wells and they should be received in the near future.

Yours very truly,

J. W. Bloom

J. W. Bloom
District Landman

JWB:des

cc: Mr. T. A. Johnson, Jr.
Pacific Natural Gas Exploration Company
720 West Eighth Street
Los Angeles 17, California



CONTINENTAL CASUALTY COMPANY

HOME OFFICE: CONTINENTAL CENTER / 310 S. MICHIGAN AVE. / CHICAGO 4, ILL.

CONTINENTAL AGENCY COMPANY
INSURANCE AND SURETY BONDS
320 E. 4th SOUTH
SALT LAKE CITY, UTAH
DIAL DAVIS 8-8117

January 16, 1963

Utah State Oil & Gas Conservation Commission
State Capitol Bldg.
Salt Lake City, Utah

Re: English Oil Company and American Petrofina, Inc.
Bond #C2006 - \$5,000. dated November 7, 1957

Gentlemen:

The above captioned bond covers "all patented land leases held by the Principal in Section 14, Township 20 South, Range 7 East, Salt Lake Meridian, Emery County, Utah.

We are advised that these leases and acreage have been transferred to the Pacific Natural Gas Exploration Company who have a statewide bond.

Under the circumstances, we would appreciate a letter from you, releasing Continental Casualty Company from liability under the above captioned bond as of the date the leases were transferred to Pacific Natural Gas Exploration Company.

Yours very truly,

Jawn Linschoten
Underwriting Dept.

fl



January 17, 1963

Continental Casualty Company
Continental Agency Company
320 East 4th South
Salt Lake City, Utah

Attention: Underwriting Dept.

Gentlemen:

We are hereby releasing Bond #C2006 covering patented land in Section 14, Township 20 South, Range 7 East, Salt Lake Meridian, Emery County, Utah.

We find that in checking our files, Pacific Natural Gas Exploration Company has filed a statewide bond which would cover said lease and acreage.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CONNIE F. PALOUKOS
RECORDS CLERK

cfp

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-71424

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Not Applicable

7. UNIT AGREEMENT NAME

Ferron

8. FARM OR LEASE NAME

Fee

9. WELL NO.

1-14

10. FIELD AND POOL, OR WILDCAT

Field

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREANE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec 14, T 20S,
R 7E

12. COUNTY OR PARISH

Emery

Utah

1.

OIL ☐ GAS ☐ OTHER ☒

2. NAME OF OPERATOR

Pacific Natural Gas Exploration Company

3. ADDRESS OF OPERATOR

P. O. Box 2436, Salt Lake City, Utah 84110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface760' S of NL and 560' W of EL
Sec 14, T 20S, R 7E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5840' DF

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

Rework

☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

(See attached proposed rework program)

APPROVED BY UTAH OIL AND GAS
CONSERVATION COMMISSION

DATE: 8-29-65

by Paul M. Burchell
CHIEF PETROLEUM ENGINEER

18. I hereby certify that the foregoing is true and correct

SIGNED E. E. LomanTITLE Drilling Superintendent

DATE

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

Dec. 13, 1957 to a
OTD 921'

PROPOSED REWORK PROGRAM
FOR
FERRON UNIT NO. 1-14
NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec 14, T 20S, R 7E
Emery County, Utah

Present Mechanical Condition of Well

1. 8-5/8" casing cemented at 157'.
2. 5-1/2", J-55, 14#/foot casing cemented with 125 sacks at 920'.
3. Bridge plug set and cemented inside 5-1/2" casing at 744'.
4. Perforated 5 holes per foot from 700'-720'.
5. Well was acidized with 500 gallons MCA followed with frac consisting of 5,000 gallons #2 diesel and 5,000# of 20-40 sand. Well will not flow commercial quantities of gas and is making some water. ✓

Proposed Rework Program

1. Move in small drilling rig or workover rig.
2. Fill hole with water and run cement bond log.
3. After reviewing bond log should the well need squeezing, shoot four 1/2" holes below the present perforations (estimated interval to be perforated 735'-736').
 - 3A. Prior to shooting squeeze holes from 735'-736', perforate and test zone from 736'-794'. A good cement bond must be present before testing this zone or it will require squeezing prior to testing.
4. Set cement retainer and squeeze new perforations with approximately 10 sacks of cement.
5. If cement bond appears to be faulty above old perforations, shoot four 1/2" holes at approximately 690' and squeeze with 10 sacks cement.
6. Clean out hole with 4-3/4" bit to retainer previously set at approximately 725' and frac through old perforations from 700'-720' with a high volume sand-water, liquid CO₂ mixture. ✓

EEL/chd
9-15-65

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME Ferron
2. NAME OF OPERATOR Pacific Natural Gas Exploration Company		8. FARM OR LEASE NAME Fee
3. ADDRESS OF OPERATOR P. O. Box 2436, Salt Lake City, Utah 84110		9. WELL NO. 1-14
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 760' FNL & 560' FEL Section 14-20S-7E S.L.M.		10. FIELD AND POOL, OR WILDCAT Ferron-Ferron
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 14-20S-7E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5840' Original D.F.		12. COUNTY OR PARISH Emery
		13. STATE Utah

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	PULL OR ALTER CASING	FRACTURE TREATMENT	REPAIRING WELL
SHOOT OR ACIDIZE	MULTIPLE COMPLETE	SHOOTING OR ACIDIZING	ALTERING CASING
REPAIR WELL	ABANDON*	(Other) _____	ABANDONMENT*
(Other)	CHANGE PLANS	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

(See Attachment)

18. I hereby certify that the foregoing is true and correct

SIGNED R. D. Geddes

TITLE Division Manager

DATE 11-2-65

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

***See Instructions on Reverse Side**

XERO

XERO
COPY

XERO

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

FERRON UNIT NO. 1-14
FLOW TEST 11-10-65 to 11-12-65
WITNESSES: BATES & SAWITKE - MFSCO.
GEDDES - PNGE

| DATE | TIME | ELAPSED
TIME
HOURS | WELLHEAD WORKING PRESSURE | | TEMP.
°F | ORIFICE
INCHES
(2" PROVER) | RATE
MCFD
@ 14.65 PSIA | REMARKS |
|----------|------|--------------------------|---------------------------|----------------|-------------|----------------------------------|------------------------------|------------------------------------|
| | | | TUBING
PSIG | CASING
PSIG | | | | |
| 11-11-65 | 0945 | | 323 | 323 | | 0 | | |
| | 0953 | | | | | 1/8 | | Opened tubing |
| | 1008 | 1/4 | 318 | 318 | 50 | 1/8 | | |
| | 1023 | 1/2 | 316+ | 316+ | 50 | 1/8 | | |
| | 1038 | 3/4 | 315 | 315 | 52 | 1/8 | | |
| | 1039 | | | | | | | Shut-in |
| | 1040 | | | | | 1/4 | | Opened tubing |
| | 1055 | 1/4 | 298 | 298+ | 53 | 1/4 | | |
| | 1110 | 1/2 | 290 | 291 | 53 | 1/4 | | |
| | 1125 | 3/4 | 285 | 285 | 54 | 1/4 | | |
| | 1126 | | | | | | | Shut-in |
| | 1127 | | | | | 3/8 | | Opened tubing |
| | 1142 | 1/4 | 251 | 256 | 56 | 3/8 | | |
| | 1157 | 1/2 | 229 | 241 | 57 | 3/8 | | |
| | 1212 | 3/4 | 228 | 233 | 58 | 3/8 | | |
| | 1213 | | | | | | | Shut-in |
| | 1215 | | | | | 1/2 | | Opened tubing |
| | 1230 | 1/4 | 187 | 192 | 58 | 1/2 | | |
| | 1245 | 1/2 | 170 | 178 | 58 | 1/2 | | |
| | 1300 | 3/4 | 160 | 164 | 58 | 1/2 | | |
| 11-12-65 | 1515 | 5 | 107 | 111 | 59 | 1/2 | | |
| | 1700 | 6-3/4 | 85 | 88 | 56 | 1/2 | | |
| | 0815 | 20 | 33 | 54 | 55 | 1/2 | | Very heavy mist-
water & diesel |
| | 1130 | 23-1/4 | 30 | 51.6 | 58 | 1/2 | 237 | " " " |
| | 1135 | | | | | | | Shut-in |
| | 1155 | 1/3 | 91 | 91+ | | 0 | | |
| | 1205 | 1/2 | 97 | 97- | | 0 | | |
| | 1220 | 3/4 | 103- | 103 | | 0 | | |
| | 1235 | 1 | 108- | 107.5 | | 0 | | |
| | 1350 | 2-1/4 | 133 | 133 | | 0 | | |

11-17-65

PMB

HISTORY

FERRON UNIT NO. 1-14

- 10-23-65 - Barker Well Service moved in and rigged up.
- 10-24-65 - Killed well with 12.0# per gallon mud. Pulled 2-3/8", 4.7#, J-55, E.U.E. tubing, 22 joints, 660' overall. Cleaned out hole with 4-3/4" bit to B.P. at 740'. Ran McCullough Gamma Log, CBL and Collar Locator. CBL indicated excellent bonding from B.P. to 594' (top of logged section).
- 10-25-65 - Rig on standby due to non-availability of frac equipment.
- 10-26-65 - Ran Baker Oil Tools, Inc. fullbore packer on 2-3/8" tubing and tagged B.P. at 740'. Circulated mud out of hole with fresh water. Spotted 500 gallons of 15% MCA. Pulled packer up to 695' and set packer at that depth. Injected acid at the rate of 3 B.P.M. and dropped a total of 20 ball sealers in five stages of four balls each (Dowell). Maximum pressure, 1000 psig. Pulled packer. Ran 23 joints (680.43' overall) plus one 10' pup joint of 2-3/8", 4.7#, J-55, E.U.E. open ended tubing to 700.43' (original D.F. datum). Flanged up wellhead. Fraced with sand and water down annulus and liquid CO₂ down tubing. Fraced with 835 barrels of water treated with 15# of J-133 per 1000 gallons, 39,900# of 10/20 sand, and 109 barrels of liquid CO₂. Maximum and average treating pressure 1000 psig. Maximum and average injection rate 28 B.P.M.
- Released rig at 6:15 P.M. Flowing well back to cleanup.
- 10-30-65 - Shut well in at 12:00 Noon. Preparing to test. Details to follow.

RDG/11-2-65

XERO
COPY

XERO
COPY

XERO
COPY

XERO
COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN THE DATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

| | |
|---|---|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME |
| 2. NAME OF OPERATOR
Pacific Natural Gas Exploration Co. | 7. UNIT AGREEMENT NAME
Not Applicable |
| 3. ADDRESS OF OPERATOR
720 West Eighth Street, Los Angeles, California. | 8. FARM OR LEASE NAME
Ferron |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

760' FNL & 560' FEL Sec 14-20S-7E S.L.M. | 9. WELL NO.
1-14 |
| 14. PERMIT NO. | 10. FIELD AND POOL, OR WILDCAT
Common |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5840' Original D.F. | 11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA
Sec 14-20S-7E |
| | 12. COUNTY OR PARISH
Emery |
| | 13. STATE
Utah |

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☒CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Note: Well will not produce gas in commercial quantities.

1. Move in pulling unit and fill 5-1/2" casing with water.
2. Place 20 sack plug from 744' to 598'. (20 sacks fill 146')
3. Squeeze 5 sacks between 5-1/2" casing and 8-5/8" casing at surface.
4. Place 7 sack plug in top of 5-1/2" casing. (7 sacks fill 50')
5. Cut off well head and erect dry hole marker.
6. Clean and level location.

Estimated time to begin operations 2-25-67

APPROVED BY UTAH OIL AND GAS
CONSERVATION COMMISSION

DATE: 2-17-67

by Paul M. Beachell
Chief Petroleum Engineer

18. I hereby certify that the foregoing is true and correct

SIGNED E. E. LomanTITLE ConsultantDATE 2-13-67

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRI
(Other instructions
reverse side)FE*
re-Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

| | |
|---|---|
| 1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER | 5. LEASE DESIGNATION AND SERIAL NO. |
| 2. NAME OF OPERATOR
<i>Pacific Natural Gas Exploration Co.</i> | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
<i>Not Applicable</i> |
| 3. ADDRESS OF OPERATOR
<i>720 West Eighth Street, Los Angeles, California</i> | 7. UNIT AGREEMENT NAME
<i>Ferron</i> |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

<i>760' INL & 560' HEL Sec. 14-20S-7E S.L.M.</i> | 8. FARM OR LEASE NAME
<i>Fee</i> |
| | 9. WELL NO.
<i>1-14</i> |
| | 10. FIELD AND POOL, OR WILDCAT
<i>Ferron</i> |
| | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
<i>Sec. 14-20S-7E</i> |
| 14. PERMIT NO. | 12. COUNTY OR PARISH
<i>Emery</i> |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
<i>5840' Original D.F.</i> | 13. STATE
<i>Utah</i> |

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plugged well as follows:

- 1. Placed 30 sack plug from 744' to 515'.*
- 2. Squeezed 5 sacks between 5½" casing and 8 5/8" surface casing at surface.*
- 3. Placed 7 sack plug in 5½" casing from 0' to 50'. ✓*
- 4. Cut off well head and welded dry hole marker to 5½" casing.*
- 5. Cleaned location.*

Job completed 3-4-67

18. I hereby certify that the foregoing is true and correct

SIGNED

E. E. Loman

TITLE

Consultant

DATE

3-31-67

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side